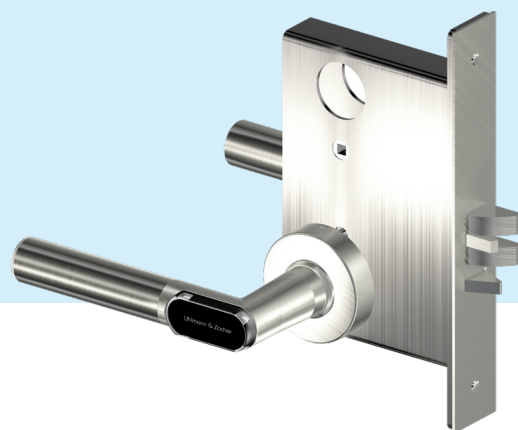


# Mortise Lock

with electronic access right on one side



## CX8176

### Clex Mortise Lock Electronic Door Handle in the Clex public System

The Clex Mortise Lock can be used in all common doors, such as wood, steel and aluminum doors. This means that the product is suitable for both, new buildings and existing objects, and thanks to its timeless, simple stainless steel design, it adapts to every architectural environment.

The reader unit with communication electronics as well as the mechanics and the power supply is located directly in the door handle. The CX8176 is available with 2.4 GHz Bluetooth® Low Energy.

As key, either the Clex Key smartphone app or most different MIFARE® transponder bearers like transponder card and transponder key fob can be used.

The CX8176 offers the following extended system features:

- Permanent engagement (toggle function) possible
- Suitable for outdoor use (Outdoor version only)
- Online integration
- Offline integration

### Properties

Different forms of handles can be selected

Door handle suitable for all wood, steel and aluminum doors with narrow or wide frame, with backset of 70 mm / 2 ¾"

Electronic door handle suitable for all doors with a thickness of 35 mm up to 57 mm / 1 ¾" to 2 ¼" (additional thicknesses on request)

Spindle dimensions in 8 mm / 5/16"

No wiring required

1 battery CR123A 3V, in housing accessible from the outside

The number of operations depends on the Clex public partner implementation

Easy battery exchange from the outside when installed using a battery exchange tool

Automatic activation of the electronic system by simply scanning a key (passive transponder as card or transponder key fob)

Permanent engagement without additional power consumption possible

Online integration is possible with 2.4 GHz Bluetooth® Low Energy

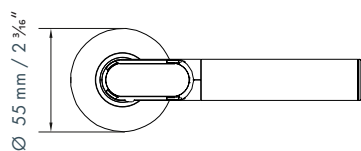
Engagement time programmable from 1 to 15 seconds (plus actuation time)

Inner fitting mechanically fixed

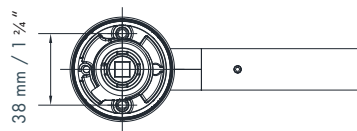
Can be combined with other systems (e.g. Clex private)

|                                     |                                                                                                             |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>          | Clex public Mortise Lock with electronic access right on one side                                           |
| <b>Product Number</b>               | CX8176                                                                                                      |
| <b>Compatible Transponder Types</b> | MIFARE Classic®, MIFARE® DESFire®                                                                           |
| <b>Radio Communication</b>          | 2.4 GHz Bluetooth® Low Energy                                                                               |
| <b>Diameter of round rose</b>       | 55 mm / 2 3/16"                                                                                             |
| <b>Power Supply</b>                 | Battery, 1 piece, CR123A 3V                                                                                 |
| <b>Battery Life Cycle</b>           | Depending on the Clex public partner implementation                                                         |
| <b>Operating Temperature</b>        | +5 °C to +55 °C   41 °F to 131 °F (Indoor version)<br>-25 °C to +65 °C   -13 °F to 149 °F (Outdoor version) |
| <b>Storage Temperature</b>          | -40 °C to +65 °C   -40 °F to 149 °F                                                                         |
| <b>Mounting Location</b>            | Indoor and outdoor application (depending on version)                                                       |
| <b>Standards</b>                    | FC                                                                                                          |

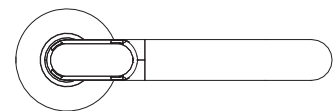
### Electronic Door Handle with round rose



L-Form L1

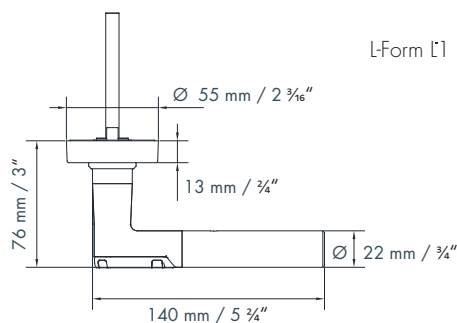


L-Form L1

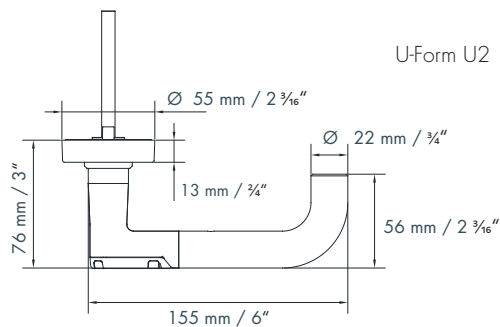


U-Form U2

### Variations of lever handles round rose

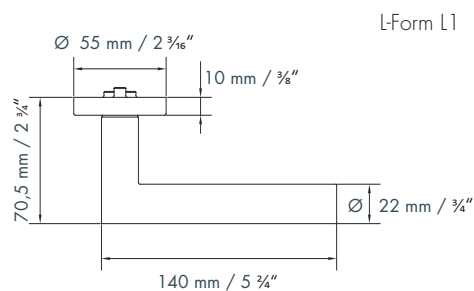


L-Form L1

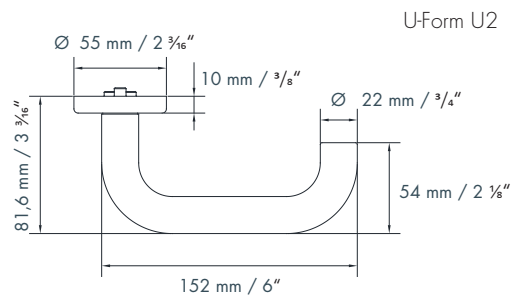


U-Form U2

### Variations of lever handles mechanical side



L-Form L1



U-Form U2

# Order Overview

| Version                                                                                      | Order No.      |
|----------------------------------------------------------------------------------------------|----------------|
| Clex public Mortise Lock with electronic access right on one side (mechanical lock included) | 8176 .000 ..0. |
| Handle direction left                                                                        | .... 1... .... |
| Handle direction right                                                                       | .... 2... .... |
| Version for MIFARE® transponder and 2.4 GHz Bluetooth® Low Energy                            | .... .... 7... |
| Door Handle in L-Form L1                                                                     | .... .... .0.. |
| Door Handle in U-Form U2                                                                     | .... .... .2.. |
| Indoor version                                                                               | .... .... ...0 |
| Outdoor version (IP66)                                                                       | .... .... ...5 |

## Mortise Lock

